

Amendments to the Claims:

10. (Previously amended) A method of processing signals for a communication system, comprising the steps of:
 - receiving an input signal from at least one of a plurality of antennas;
 - measuring the input signal;
 - producing an output signal corresponding to the measured input signal;
 - comparing the output signal to a first reference signal;
 - producing a first control signal in response to the step of comparing when the output signal has a value greater than a value of the first reference signal;
 - comparing the output signal to a second reference signal; and
 - producing a second control signal in response to the step of comparing when the output signal has a value greater than a value of the second reference signal.
11. (Original) A method as in claim 10, further comprising the step of producing a third control signal in response to the step of comparing when the output signal has a value between the value of the first reference signal and the value of the second reference signal.
12. (Original) A method as in claim 10, further comprising the steps of:
 - producing a plurality of channel estimates in response to one of the first control signal and the second control signal; and
 - producing less than the plurality of channel estimates in response to the other of the first control signal and the second control signal.